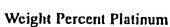
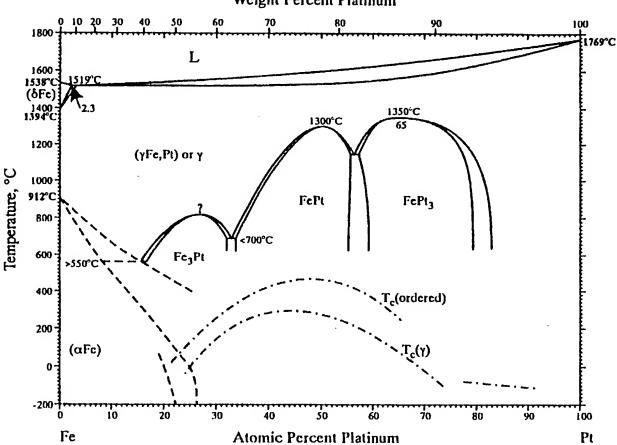
New U.S. Patent Application Inventor: Kimitaka Sato Filed: January 27, 2006 Title: Assemblages of Magnetic Alloy Nanoparticles SHEET 1 of 8

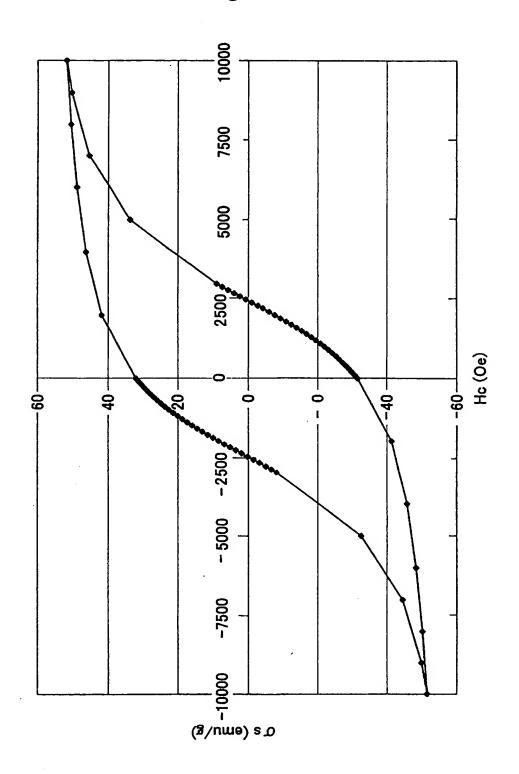
Fig. 1





New U.S. Patent Application
Inventor: Kimitaka Sato
Filed: January 27, 2006
Title: Assemblages of Magnetic Alloy
Nanoparticles
SHEET 2 of 8

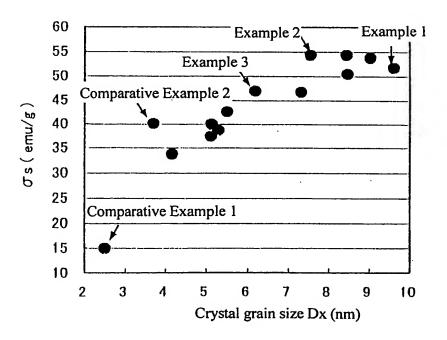
Fig. 2



New U.S. Patent Application Inventor: Kimitaka Sato Filed: January 27, 2006 Title: Assemblages of Magnetic Allo Nanoparticles SHEET 3 of 8

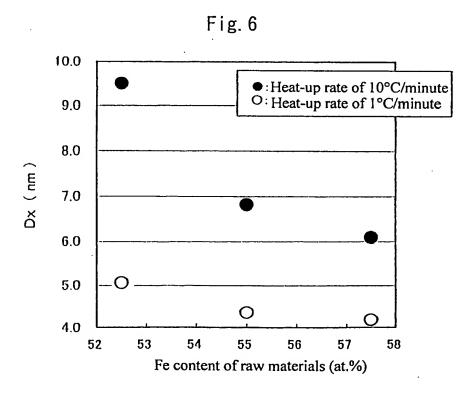
Fig. 3 3000 Example 1 Example 2 Hc (coercivity, Oe) 2500 2000 Example 3 1500 Comparative-1000 Example 2 Comparative / Example 1 0 2 3 5 6 7 9 10 Crystal grain size Dx (nm)

Fig. 4



New U.S. Patent Application
Inventor: Kimitaka Sato
Filed: January 27, 2006
Title: Assemblages of Magnetic Alloy
Nanoparticles
SHEET 4 of 8

Fig. 5 0.80 0.85 Example 2 0.90 Example 1 0.95 Comparative 1.00 SFD Example 2 1.05 - Example 3 1.10 1.15 Comparative Example 1 1.20 1.25 2 3 6 7 8 9 10 Crystal grain size Dx (nm)



New U.S. Patent Application
Inventor: Kimitaka Sato
Filed: January 27, 2006
Title: Assemblages of Magnetic Alloy
Nanoparticles
SHEET 5 of 8

Fig. 7

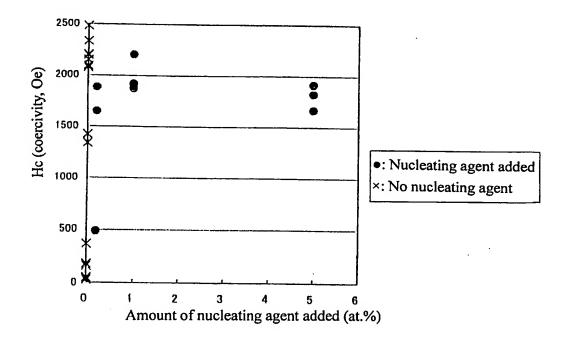
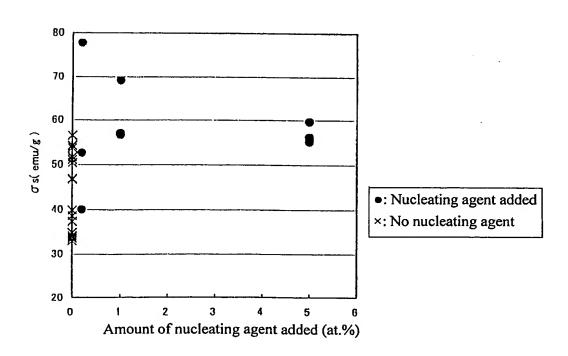


Fig. 8



New U.S. Patent Application Inventor: Kimitaka Sato Filed: January 27, 2006
Title: Assemblages of Magnetic Alloy Nanoparticles

SHEET 6 of 8

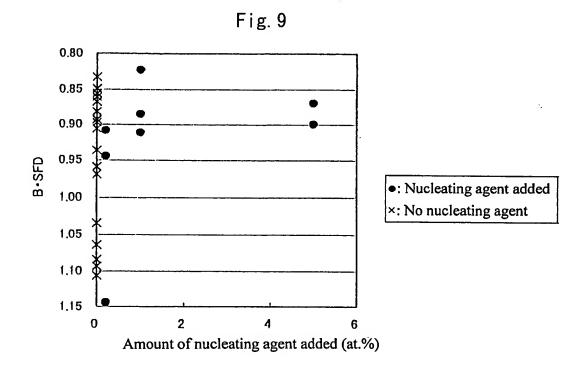
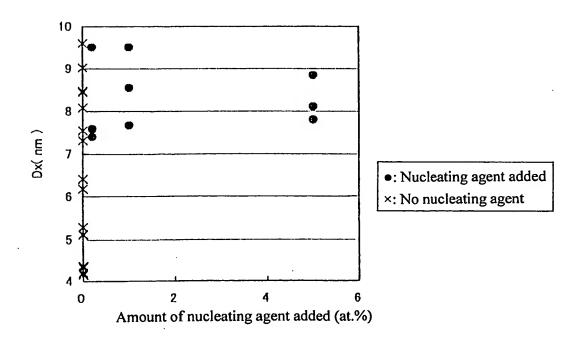
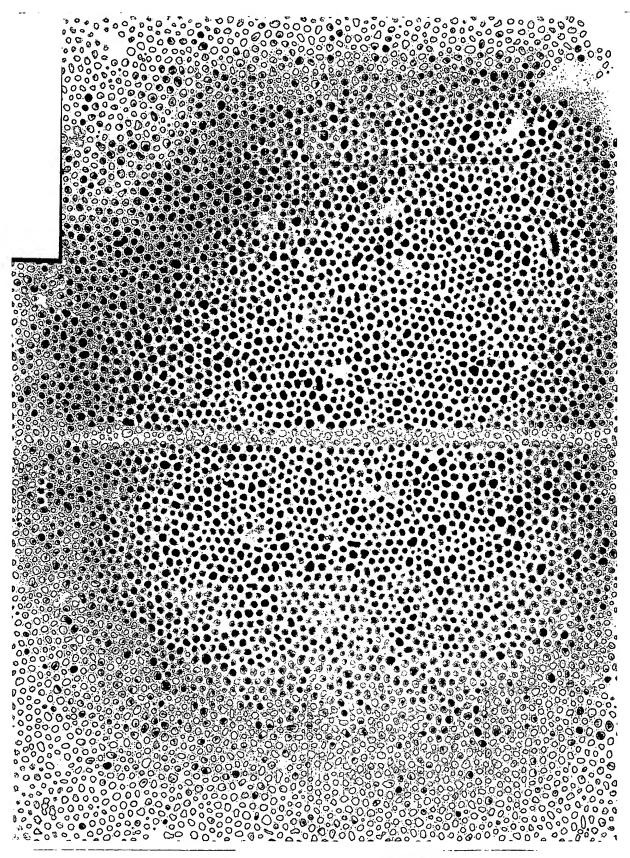


Fig. 10



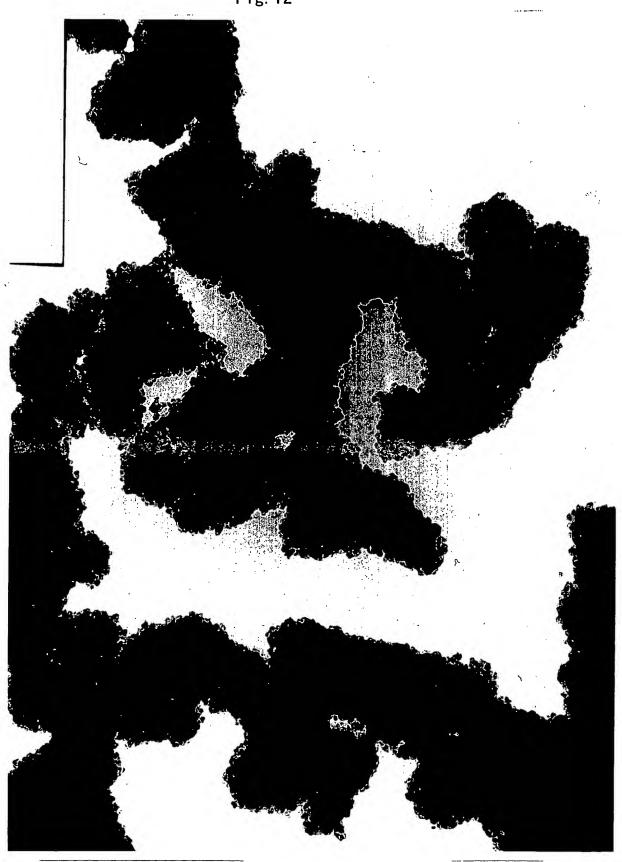
Inventor: Kimitaka Sato Filed: January 27, 2006 Title: Assemblages of Magnetic Alloy Nanoparticles SHEET 7 of 8

Fig. 11



Inventor: Kimitaka Sato Filed: January 27, 2006 Title: Assemblages of Magnetic Allo, Nanoparticles SHEET 8 of 8

Fig. 12



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